BRUHAT BENGALURU MAHANAGARA PALIKE

Name of work : Construction of RCC drain at Pragathi School road in Attur Ward No.03 Attur

						Estimated Cost Rs:			1000000.00
Sl No	Description of work	No	Dimensions L	B	D	Qty	Rate	Unit	Amount
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1	KSRRB 300-1:Earthwork excavtion by manual means in ordinary soil involving an average horizontal throw upto 2 Meters and an average lift upto 0.5m excavated surface leveled and sides neatly dressed the disposed earth to be levelled neatly after breaking of clods complete as per specifications and complete as per specifications. MORTH CHAPTER 3 (P-152, It.19.1)								
	Basic Rate	51.00							
	Area Weightage 6%	4.88							
	Total	55.88							
	For CC drain	2	88.00	1.00	0.80	140.80			
					Total	140.80	55.88	Cum	9276.00
2	KSRB 4-1.3:Providing and layingin position plain cement concrete of mix M7.5 with OPC cement @ 180 kgs. with 40mm and down size graded granite metal coarse aggregates @ 0.65 cum and fine aggregates @ 0.57 cum machine mixed, concrete laid in layers not exceeding 15 cms, thick well compacted, in foundation and plinth including cost of all materials, labour, HOM of mechienry, curing complete as per specifications. Specification No.KBS 4.1, 4.2 (P-12, It.4.3)								
	Basic Rate:	3973.00							
	Area Weightage 8%	317.84							
	Total	4290.84							
	For CC drain	2	88.00	1.00	0.15	26.40			
					Total	26.40	4290.84	Cum	113278.00
3	KSRB 4.2.2:Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320 Kgs, with 20mm and down size graded granite metal coarse aggregates @0.678 cum and fine aggregates @ 0.459 cum, with superplastisiser @ 3lts confirming to IS 9103-1999 Reaffirmed - 2008, machine mixed, concrete laid in layres not exceeding 15 cms, thick vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase,lintles, retaining walls, return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or facing courses, parapets, coping, bed blocks, anchor blocks, plain window cills fillets etc, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No.KBS 4.1, 4.6 (P-13, It.4.11)								
	Basic Rate:	5222.00							
	Area Weightage 8%	417.76							
	Total	5639.76							
	For CC drain								
	bottom slab	2	88.00	0.90	0.10	15.84			
	Side wall	4	88.00	0.15	0.60	31.68			
						47.52	5639.76	Cum	268001.00
4	KSRB 4.9-1:Providing T.M.T Steel reinforcement for RCC Work including straightening, cutting, bending hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastge shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No.KBS 4.6.3 (TMT bars Fe 415 P-19, It.4.46)								
	Basic Rate:	6834.00							
	Area Weightage 8%	546.72							
	Total	7380.72							

	Qty @70Kg/Cum		0.70	47.52		33.26			
					Total	33.26	7380.72	Qntl	245512.00
5	KSRB 4-6.4:Providing and removing centering, shuttering, strutting propping etc, and removal of formwork for Vertical surface such as walls at any thickness including attached pilasters butresses, plinth and string courses cost of all materials, labour complete as per specifications. Specification No KBS 4.6.2 (P-17, It.4.31)								
	Basic Rate:	251.00							
	Area Weightage 8%	20.08							
	Total	271.08							
	Side wall	8	88.00		0.60	422.40			
					Total	422.40	271.08	Sqm	114504.00
6	Providing and fixing 10 cm thick pre cast RCC covering slab using reinforced cement concrete M 20 mix with stone aggregate 20 mm and down size including centring shuttering reinforcement and bar bending machine mixed concrete laid in layers not exceeding 15 cm thick wellcopacted cost of all materials labour curing comlete as per specification (Data Rate Approved)								
	Data Rate	1498.00							
	Covering slab	2	88.00	0.50		158.40			
					Total	158.40	1498.00	Sqm	237283.00
7	KSRRB M100-1 Loading and unloading of stone boulder/stone aggregates/sand/.kanker/moorum. KSRRB M100-1.Placing tipper at loading point, loading with front end loader, dumping, turning for return trip, excluding time for haulage and return trip complete as per specifications. MORTH Chapter 1 (P-150, It.17.1)								
	Basic Rate	62.20							
	Conveying for 4 km	10.00							
	sub total	72.20							
	Area Weightage 8%	5.78							
	Total	77.98							
	Qty Vide Item No.1					140.80			
					Total	140.80	77.98	Cum	10979.00
8	Miscellaneous & Rounding off							L/S	1167.00
							Total Rs:		1000000.00

CERTIFICATE:

1. The work spot comes under BBMP Limits
2. The provisions made in the estimate are necessary and minimum
3. The estimate is based on Market Rates
4. The estimate is based on CSR of 2013-14

Assistant Engineer
Ward No.2

Assistant Executive Engineer
Yelahanka Sattelite Town Sub-Division
Bruhat Bengaluru Mahanagara Palike

ADMINISTRATIVELY SANCTIONED FOR Rs. 10.00 lakhs
Rupees Ten Lakhs only

Executive Engineer
Yelahanka Division
Bruhat Bengaluru Mahanagara Palike

Under P. 177 General Works

Registered as EE ( ) No. 9...5...
Subject to conditions contained in enclosed memo EE ( ) No. /91
Dt. Estimate A/Sanctioned
JC/YK/AA No.
Dated 30.10.13 Rs. 10.00 lakhs

Joint Commissioner
(Yelahanka Zone)
BBMP, Bengaluru-92

TECHNICALLY SANCTIONED FOR Rs. 10.00 lakhs
Rupees Ten Lakhs only
Under P. 177 General Works
Registered as CE ( ) No. 99
Subject to conditions contained in enclosed memo EE ( ) No. /91
Dt. Estimate A/ Sanctioned
EE/YSTR/13-14 No.
Dated 30.10.2013 Rs. 10.00 lakhs

Executive Engineer